



Attorney's Docket No.: 09010-107001 / DIVER1530-6

1645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Walter Callen et al.
Serial No. : 10/081,739
Filed : February 21, 2002
Title : ENZYMES HAVING ALPHA AMYLASE ACTIVITY AND METHODS OF
USE THEREOF

Art Unit : 1645
Examiner : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed for filing in the above-referenced patent application is a Form PTO-1449, being submitted prior to the first Office Action on the merits. Applicants respectfully request consideration of the remarks and references set forth herein.

The following documents are enclosed herewith:

- copy of Form PTO-1449
- Postcard
- copies of cited references

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AUGUST 15, 2003
Date of Deposit

Susan Sennovich
Signature

SUSAN SENNOVICH
Typed or Printed Name of Person Signing Certificate

REMARKS

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

A copy of the International Search Report for pct/us02/05538, a counterpart international application, is enclosed for the Examiner's convenience.

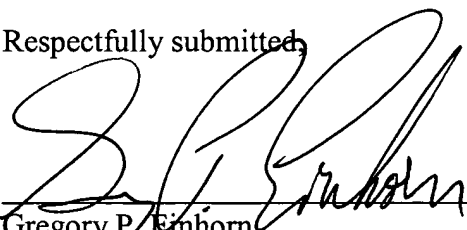
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 06-1050. If necessary, please deduct any necessary additional fees from, or credit any overpayment to, the above-noted Deposit Account.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 5070.

Respectfully submitted,

Date:

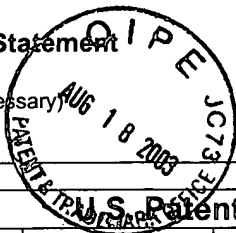
Aug. 15, 2003



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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 09010-107001 | Application No. 10/081,739 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Walter Callen et al. | |
| | | Filing Date February 21, 2002 | Group Art Unit 1645 |



| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | | | | | | |
| | AB | | | | | | |
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| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| | AL | WO 97/44361 | Nov 27, 1997 | PCT | | | | |
| | AM | | | | | | | |
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| | AP | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|--|
| Examiner Initial | Desig. ID | Document |
| | AQ | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AF068255, Leveque et al., May 2000 |
| | AR | Database GenBank, US National Library of Medicine, (Bethesda, MD, USA) No. D83793, Tachibana, et al., February, 2000 |
| | AS | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. E13334, Imanaka, et al., June, 1998 |
| | AT | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAW34998, Lam, et al., May, 1998 |

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| Examiner Signature | Date Considered |
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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 09010-107001 | Application No. 10/081,739 |
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Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|--|
| | AU | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAW26131, Imanaka, et al., November 1997 |
| | AV | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAY53917, Leveque, et al., March, 2000 |
| | AW | Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAR72603, Asada, et al., October, 1995 |
| | AX | Database GenBank, US National Library of medicine (Bethesda, MD, USA) No. AAR72602, Asada, et al., October, 1995 |
| | AY | Database GenBank, US National Library of Medicine, (Bethesda, MD, USA) No. AAW70536, Dong, et al., January, 1999 |

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